



Meet the HPTC Architecture Team

Historic Preservation Training Center
Frederick, Maryland

1
X1
FIRST FLOOR PLAN
SCALE: 1/8" = 1'-0"

UTILITIES NOTES:

- A. REMOVE ALL EXISTING NON-FUNCTIONAL ELECTRICAL WIRING, DEVICES, TRUSSES, AND EQUIPMENT. INSTALL NEW WIRING, DEVICES, VENTS, AND PANEL BOARDS AS REQUIRED. REFER TO ELECTRICAL PLANS.
- B. INSTALL NEW TELEPHONE, CABLE, AND DATA SERVICE AS REQUIRED BY COUNTY.
- C. INSTALL NEW FIRE AND SECURITY ALARM SYSTEM IN THE VEHICULAR ENTRY PER NEW HANOVER COUNTY SYSTEM DESIGN AND INSTALLATION BY CONTRACTOR. EXISTING PLUMBING AND FIXTURES AS REQUIRED. PROVIDE LOCATION FOR NEW MULTIPURPOSE WATER CONNECTION IN CHASE. PROVIDE PLUMBING FOR NEW GAS FIXTURES AS REQUIRED BY WATER APPLIANCE.
- D. PROVIDE LOCATION FOR NEW MUNICIPAL SANITARY COLLECTOR NEW SANITARY LINES AND VENT LINES IN THE VEHICULAR ENTRY. PROVIDE AND INSTALL A NEW HIGH EFFICIENCY HEATING SYSTEM. FINAL SYSTEM TO BE DETERMINED. INSTALL NEW REQUIRED TO SERVICES IN AREAS REFER TO ARCHITECT'S NARRATIVE IN FINAL PROJECT REPORTS.
- E. INSTALL LIGHTNING PROTECTION SYSTEM ON THE VEHICULAR ENTRY PER NEW HANOVER COUNTY.

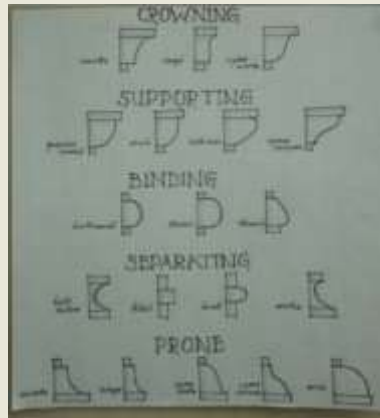
Architecture Team Mission



Support the HPTC mission by providing quality planning, design, and construction products to clients which meet or exceed NPS standards and guidelines.

Provide opportunities for NPS preservation and skill employees to experience the front end of preservation projects through exposure to traditional architectural services such as building documentation, historic fabric forensic investigations, and condition assessments.

Provide real world learning experiences for historic preservation and architecture students through the support of NPS Historic Preservation Internship Program.



Architecture Team Staff

Thomas A. Vitanza, RA, AIA, NCARB

Architect (Historical, Senior) .

Tom has been the team leader for the HPTC architecture team since its inception ca. 1996. Tom has served the NPS in several regional offices and scores of parks over his 30 plus year career. He has served as an instructor in the PAST (Preservation and Skills Training) program since the early days. See attached resume for more detail

Rebecca M. Cybularz, Associate AIA

Architect (Historical)

Rebecca began her career at HPTC in 2010 after completing a [NCPE internship](#) the summer before and graduating with a MS in Historic Preservation. Projects recently completed include: Four HSRs for Cape Hatteras Light Station buildings, rehabilitation drawings for Swains Lockhouse, the newest [Canal Quarters](#) project for C&O Canal National Historical Park, and condition assessments for all cultural resources at Arlington National Cemetery.

Mark P. Slater,

Architect (Historical)

Mark has been with the NPS since 1998 and affiliated with HPTC since 2007. With an expertise in sustainability and universal design, Mark has completed several complex projects for parks across the system and for Arlington National Cemetery.



Summer 2016 Architecture Team with three NCPE summer interns: from L to R: Top Row – Abby Winter (UMD), Andrew Fenn (U of Cincinnati) and Mark Slater; Bottom Row – Jennifer Leeds (Clemson/ U Charleston), Rebecca Cybularz, and Tom Vitanza.

Areas of Specialty



HPTC Architects are practicing professional architects trained in the fine art of historic preservation and the science of architecture, planning, and building construction. Staff architects meet *The [Secretary of the Interior's Professional Qualification Standards](#)* (NPS Cultural Resources Management Guideline).

The Architecture Team provides clients with complete historic architecture and contemporary design services including

- universal accessibility design to meet ABAAS requirements,
- building documentation,
- condition assessment to meet FMSS requirements,
- treatment recommendations to satisfy both PMIS and other planning needs.
- Historic Structure Assessment Reports (Condition Assessment)
- Historic Structure Reports



All work meets or exceeds [NPS-28 Cultural Resource Management Guidelines](#).

Featured Project: Cape Hatteras NS



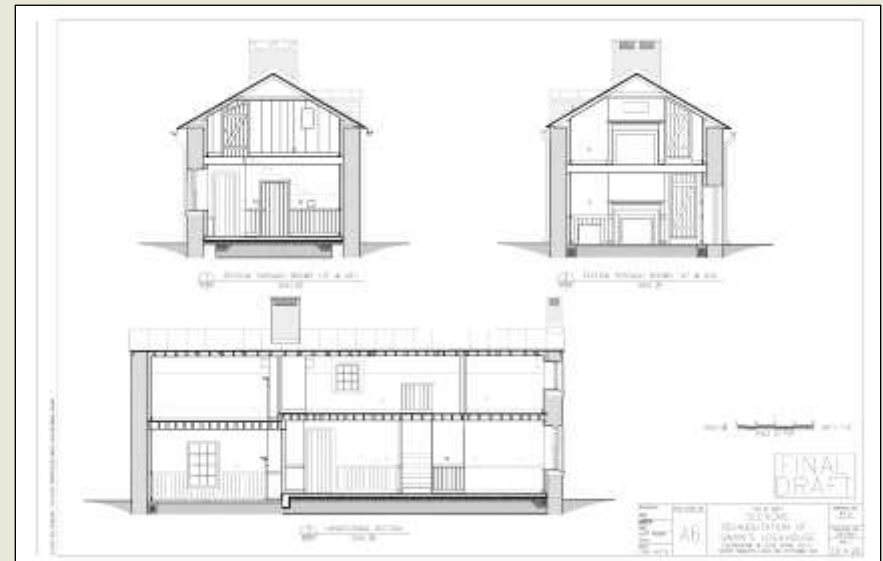
The assessment of the buildings at Cape Hatteras Light Station included two phases. The first phase (FY15) included completion of a Historic Structure Report (HSR) for the Lighthouse and commencement of Historic American Building Survey (HABS) documentation of the Light Station. The second phase (FY16) included completion of HSRs for the Principal Keeper's Quarters, Double Keepers' Quarters, Oil House, completion of HABS documentation of the Light Station, installation of crack monitors on the base of the Lighthouse, training of CAHA employees to use the monitors, and a contract to document existing cracks in the brick shaft of the lighthouse.



Featured Project: C&O Canal NHP



This project entailed creating construction drawings for the rehabilitation of the Swains Lockhouse (Lock 21) at C&O Canal National Historical Park. The lockhouse will be the newest member of the Canal Quarters program which allows guests to rent a lockhouse and stay overnight in the quarters. Swains Lockhouse will be interpreted to 1916 - the year the NPS was founded. The design features an ABA-compliant first floor, flood-resistant construction materials, and high energy efficiency through materials and systems. HPTC provided all architectural services to the park.



Featured Project: C&O Canal NHP (cont'd)

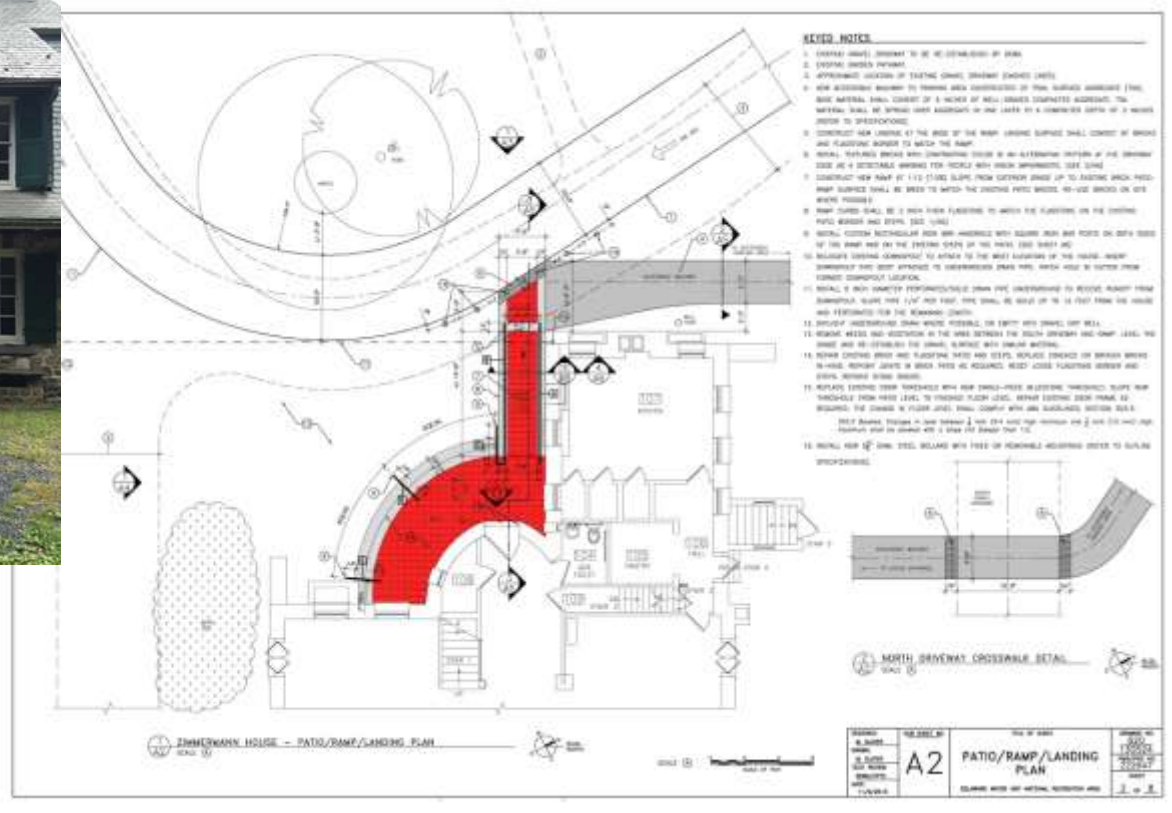


HPTC Architects meet on-site with clients to determine project Scope of work and preliminary design estimate.

HPTC Architects are trained to recognize and preserve character-defining features which may not be evident to others. The interiors of this building will be Rehabilitated to meet the *Secretary of the Interiors' Standards For the Rehabilitation of Historic Properties and NPS-28.*



Zimmerman House Accessibility Project



HPTC Project Architect worked with park staff to arrive at alternatives for public access into this historic building through the main entrance with all other visitors. Designed to be installed by HPTC Masonry Team in coming years.

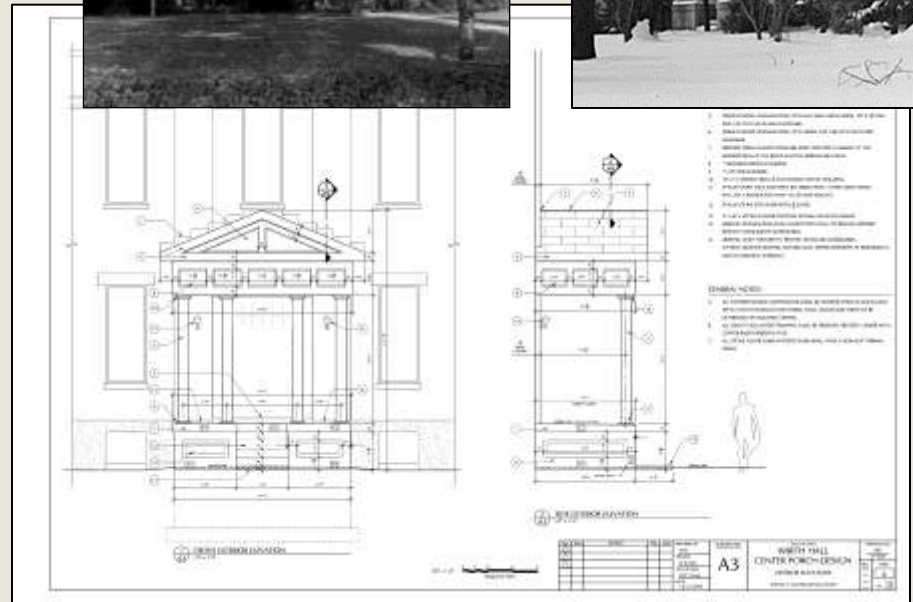
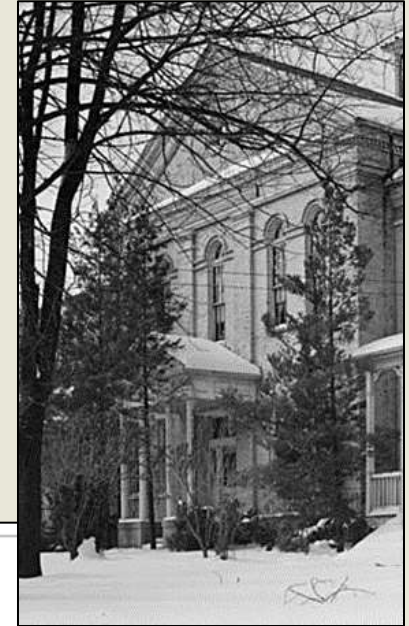
Featured Project:

Steven T. Mather Training Center

Harpers Ferry West Virginia



The original center porch on Wirth Hall at the Training Center had been removed in the 1960s. This project involved providing drawings and specifications to reconstruct the porch as it appeared in ca. 1881. The design was based on historical photographs and documentation of the original porch which included a stone base with recessed steps and four columns supporting a pedimented gable roof.



Featured Project:

Steven T. Mather Training Center (cont'd)

Harpers Ferry, West Virginia



Storer College Alumni and park officials celebrate the Dedication of the restored porch, August 2014.



Architectural drawings and specifications by HPTC Architecture Team; construction by HPTC Masonry Team.

Featured Project: Arlington National Cemetery




The Architecture Team has been assisting the Arlington National Cemetery Cultural Resources and Engineering staffs with a number of preservation design projects, Cultural Resources training, and universal accessibility design projects.

This example of “Preservation Works” Cultural Resources Awareness Briefs highlight 1 of 12 in the Historic Architecture and Commemorative Works series.

Preservation Works


Cultural Resources Awareness Brief

Arlington National Cemetery
Arlington, Virginia



HONOR • REMEMBER • EXPLORE

Tanner Amphitheater




A Lasting Impression


The nation's first Memorial Day ceremony was held at Arlington National Cemetery on this site, May 30, 1868. Designed by Montgomery C. Meigs, the most celebrated Quartermaster General of the US Army and a nationally acclaimed engineer, this amphitheater is the first constructed in a national cemetery; it contains the first rostrum for Arlington National Cemetery.

Tanner Amphitheater is architecturally significant as an example of a contemporary (19th-century) garden landscape structure for rural cemeteries, its pergola structures, and as an example of classicism in monumental buildings.

Historical Background



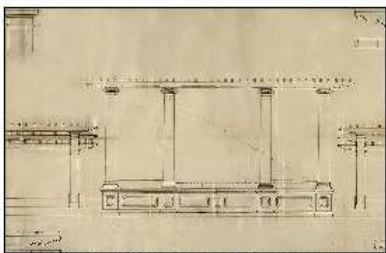
Early photo of the Amphitheater rostrum, ca. 1903.



President Wilson at the rostrum, November 1914.

Known as the “Old” Amphitheater after the Memorial Amphitheater was constructed in 1920, this structure remains the original Amphitheater and rostrum at the cemetery. It was constructed in 1873 and dedicated on the fifth anniversary of Decoration (or Memorial) Day on May 30. Renamed in 2014 to honor James R. Tanner, a corporal with the 87th New York Volunteer Infantry who survived grave injuries during the Civil War, the amphitheater continues to provide space for events and assemblies.

Original Design—Symmetrical Layout and Predominant Rostrum



Original rostrum drawing (ca. 1877) by M.C. Meigs, Q MR Genl U.S.A.

As one of the first cemetery-sponsored construction projects, the original (Old) Amphitheater reflects the building practices of the late 19th century. The modest scale of the structure was necessitated by a severe lack of federal funds after the Civil War.

The Amphitheater is formed by an elliptical earth berm around a sunken bowl-shaped space surrounded by a radial pergola. The pergola consists of an elliptical stone walkway (ambulatory) enclosed by three tiers of square brick piers which support the radial wooden trellis. A raised platform (rostrum) serves as a stage for twelve colossal plastered Ionic columns which also support an elaborate wooden trellis with projecting decorative ends. The classical rostrum is the focus of the design with the ambulatory pergola serving as an enclosure, fitting with the natural space and landscape.

www.arlingtoncemetery.mil

Featured Project:

Preservation of Fort Myer Gate and Guard House, Arlington National Cemetery

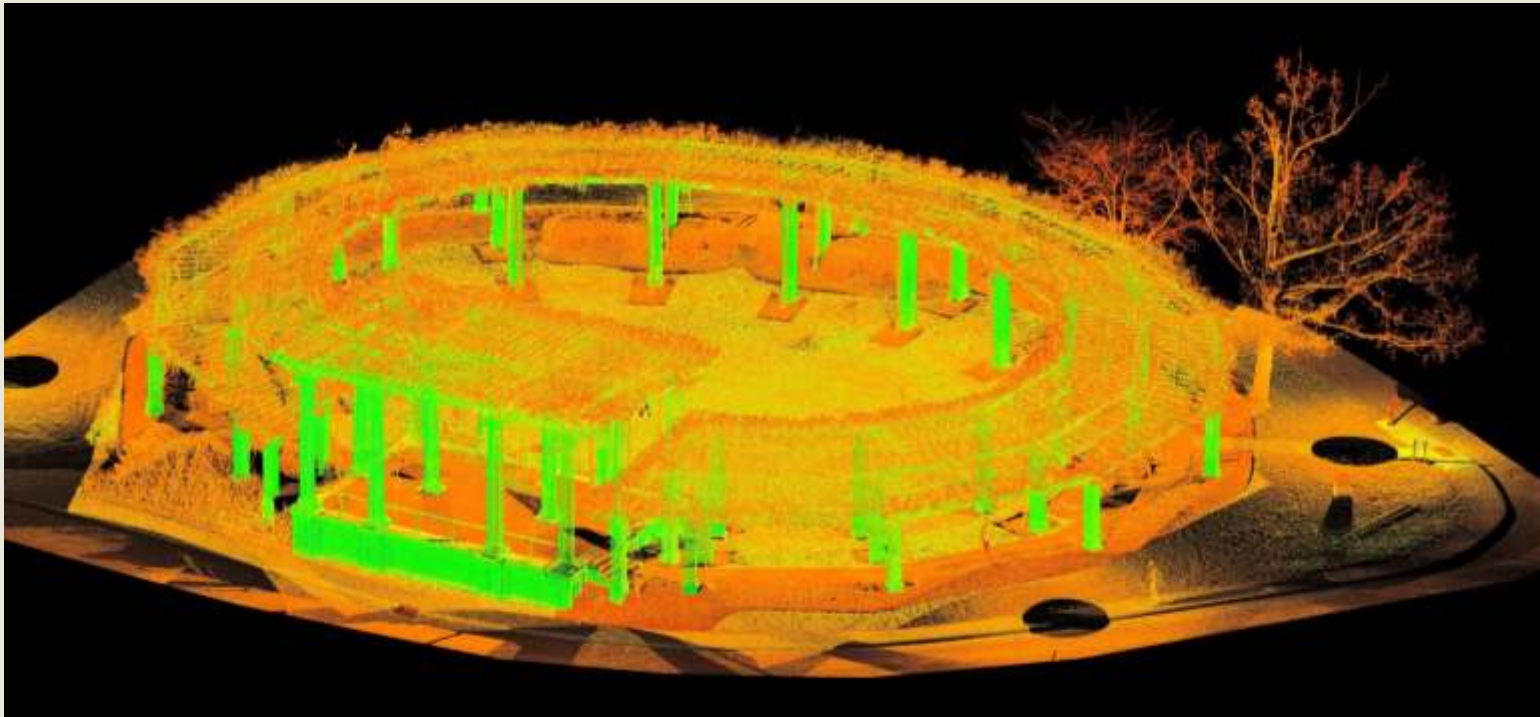


Example of existing conditions description sheet as part of final design set.

READY FOR CONSTRUCTION		PROJECT NO.		PROJECT NAME		DRAWING NO.	
DATE	NO.	DATE	NO.	DATE	NO.	DATE	NO.
5-14-2016		5-14-2016		5-14-2016		5-14-2016	
A14		FORT MYER / OLD POST CHAPEL GATE & GUARDHOUSE PRESERVATION		EXISTING CONDITIONS PHOTOGRAPHY		DRAWING NO. 132278-A	
						ENCLOSURE	
						18 of 22	

Featured Project:

Preservation of the Tanner (Old) Amphitheater, Arlington National Cemetery

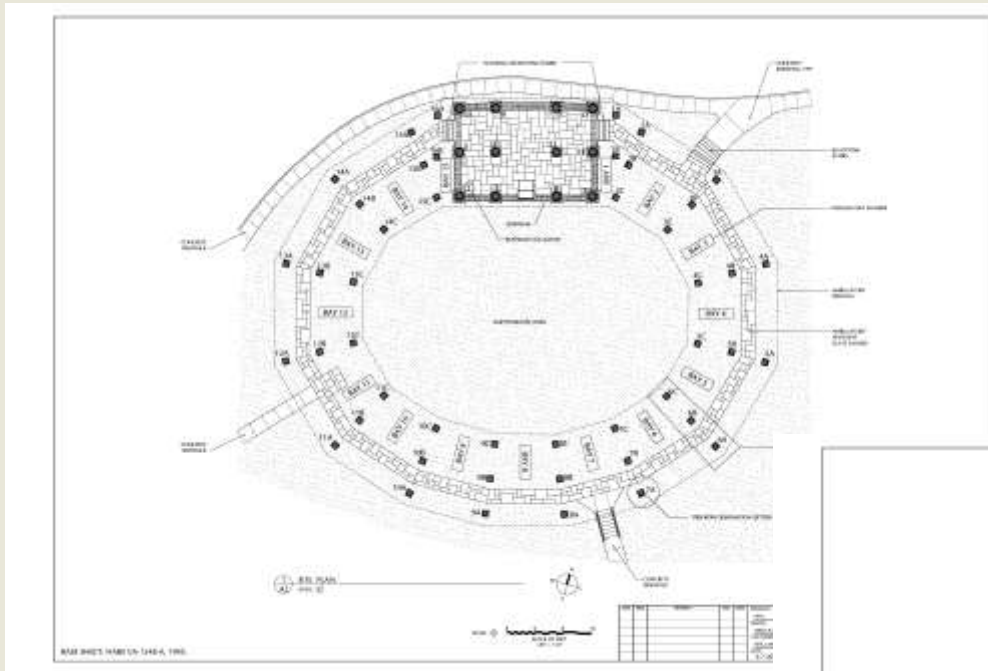


HPTC Architecture team researched and documented the original Amphitheater at Arlington Cemetery. It was originally constructed in 1873 and rehabilitated numerous times over its history. HPTC compiled this information in a Historic Structure Assessment Report (HSAR). This report includes condition assessment and recommended treatment information in a set of construction oriented reports & drawings.

Featured Project:

Preservation of the Tanner Amphitheater (cont'd)

Arlington National Cemetery



Rehabilitation is the recommended treatment for the Old Amphitheater. HPTC architects provided a condition assessment report with annotated drawings to illustrate the required treatment in a format suitable For construction readiness.

